

FIG. 2

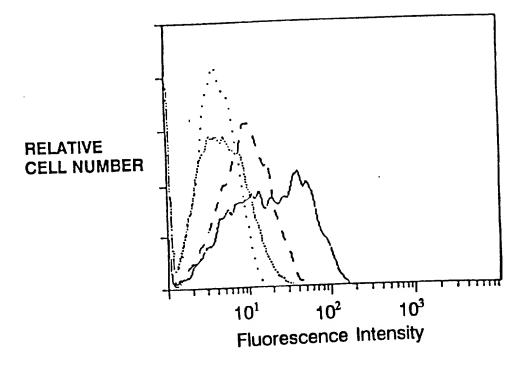
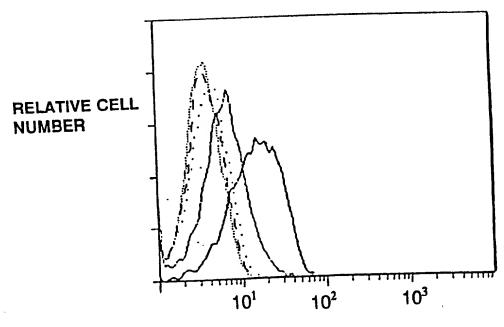
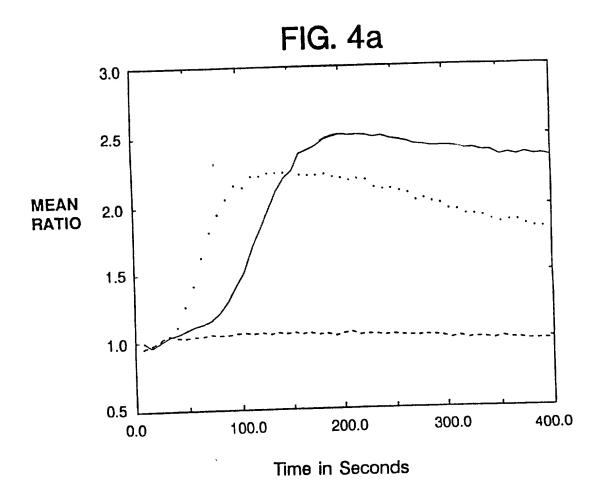
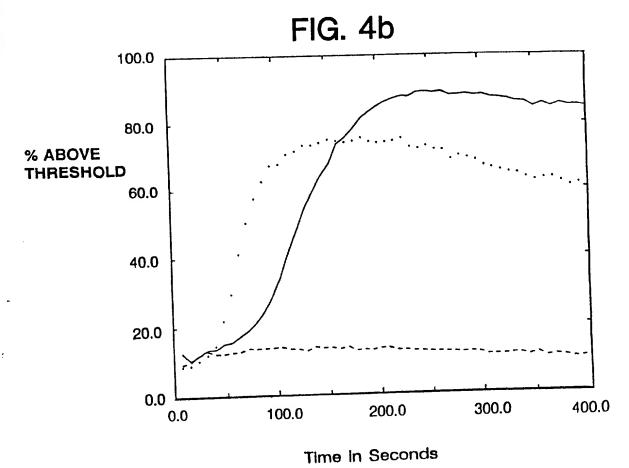


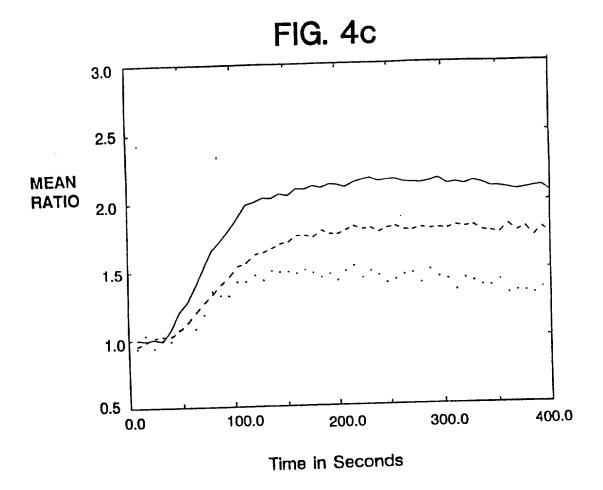
FIG. 3

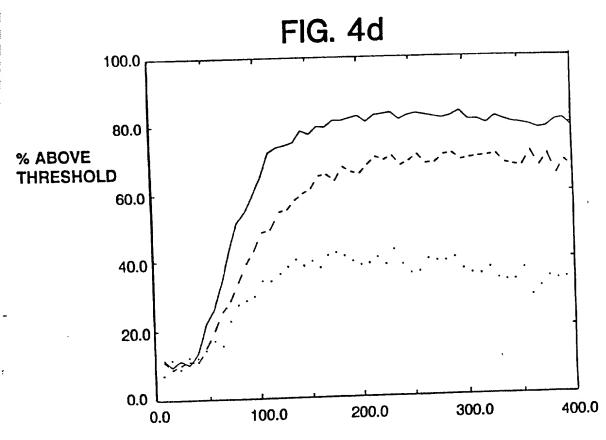


Fluorescence Intensity





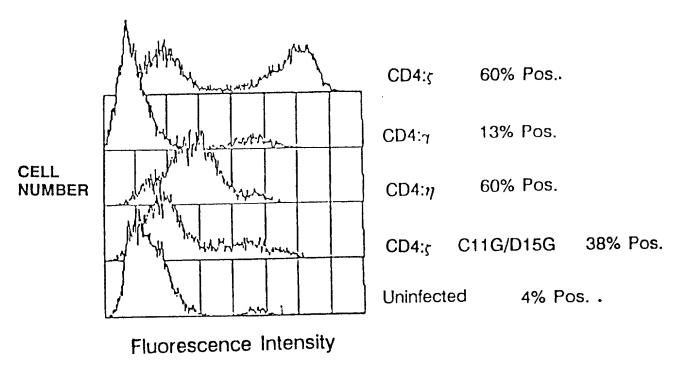




Time in Seconds

E/T Ratio

FIG. 5c



E/T Ratio

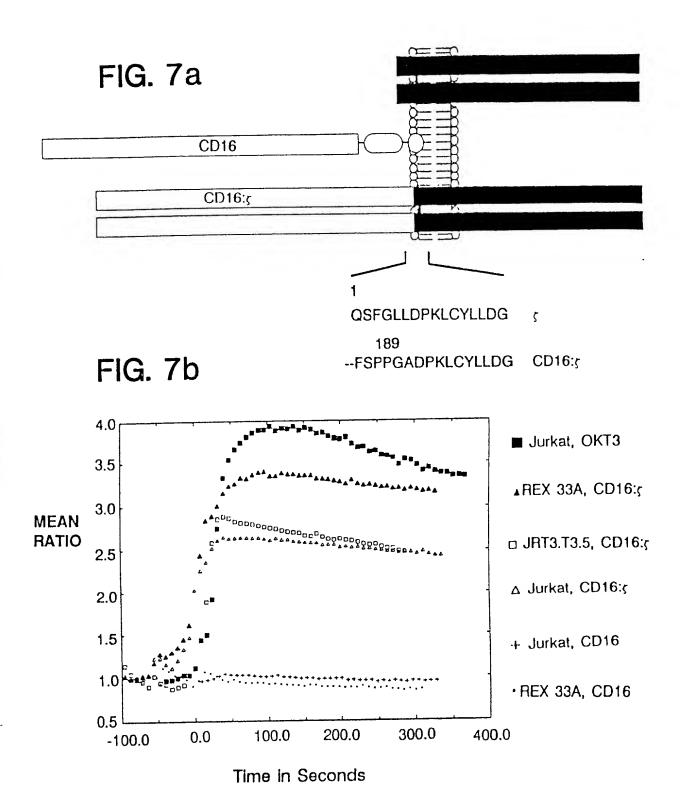
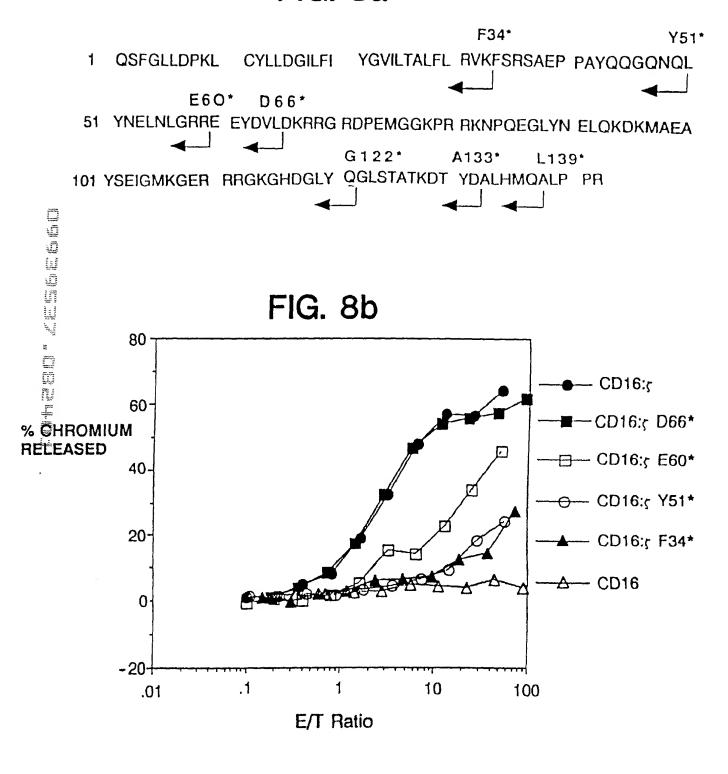


FIG. 8a



0

-20 .01

.1

E/T Ratio

10

100

C11G/D15G

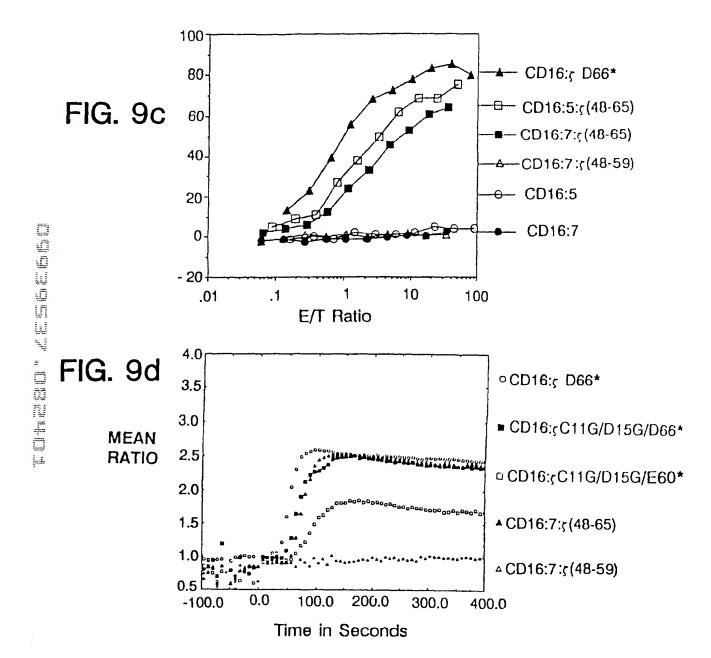


FIG. 10a

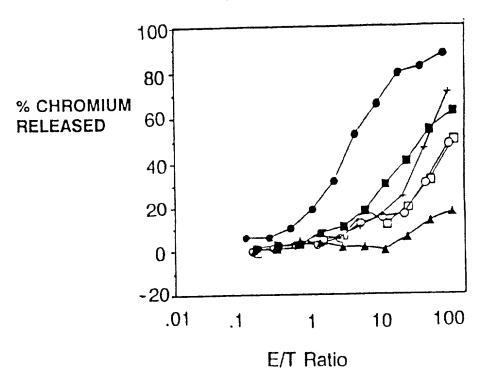


FIG. 10b

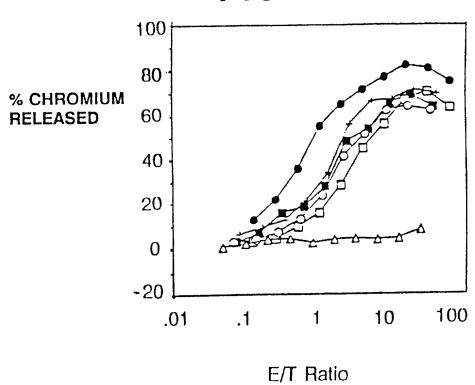
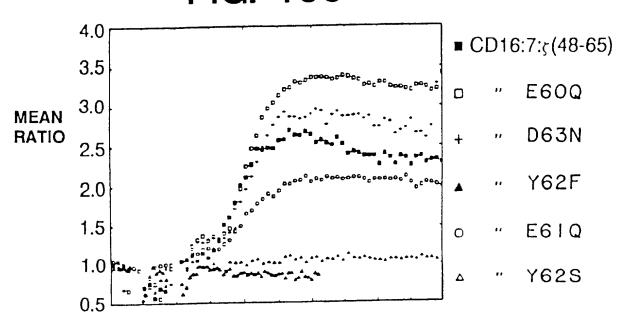
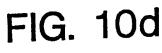
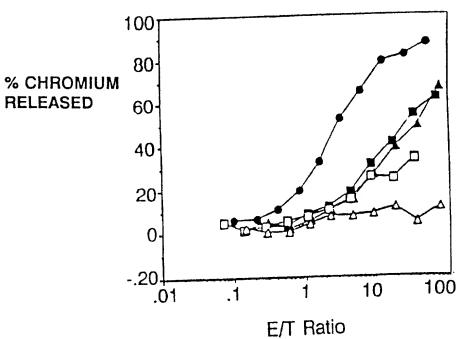


FIG. 10c



Time in Seconds





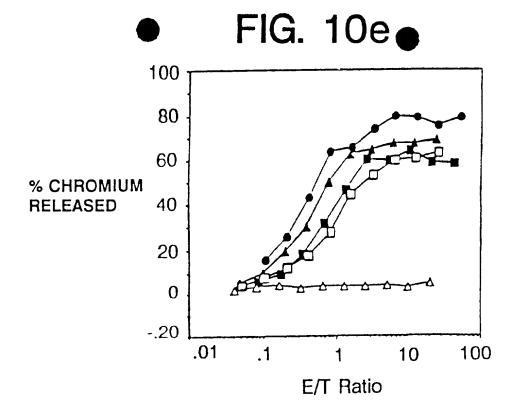


FIG. 10f

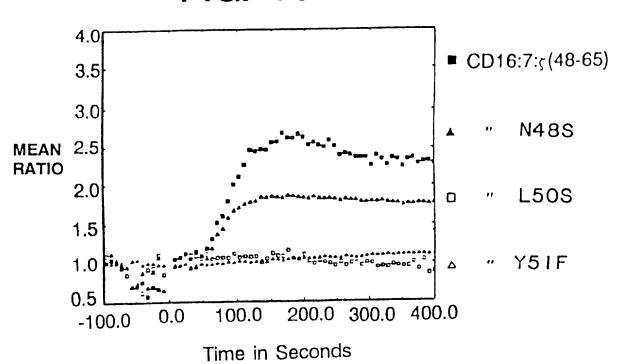
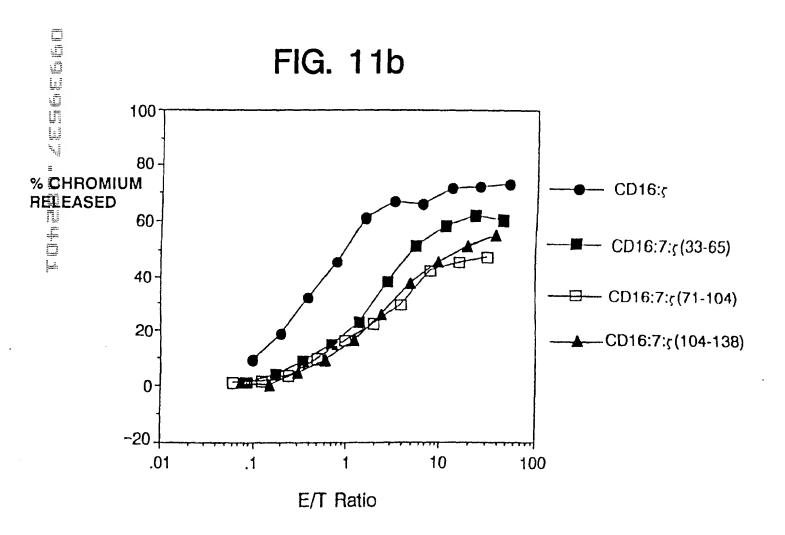


FIG. 11a

CD16:7: ζ (33-65) CD16:7: ζ (71-104) CD16:7: ζ (104-138) RTRFSRSAEPPAYQQGQN(LYNEINL-GRREFYDVL RTRDPEMGGKPRRKNPQECLYIFIQKDKMAENYSET RTRIGMKGERRRGKGHDQLYQQLST-ATKDTYDALHMQA



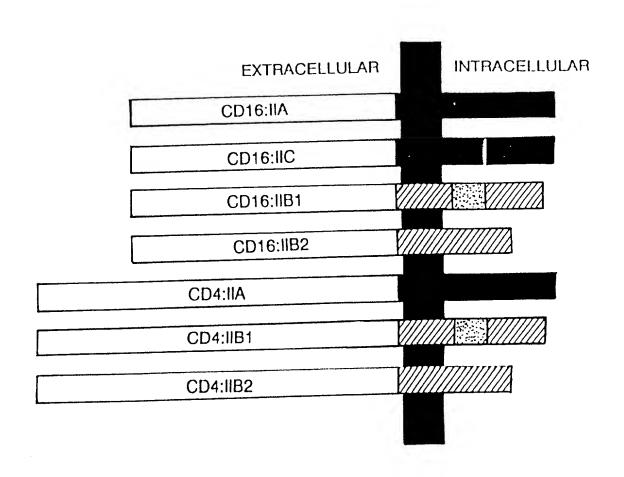
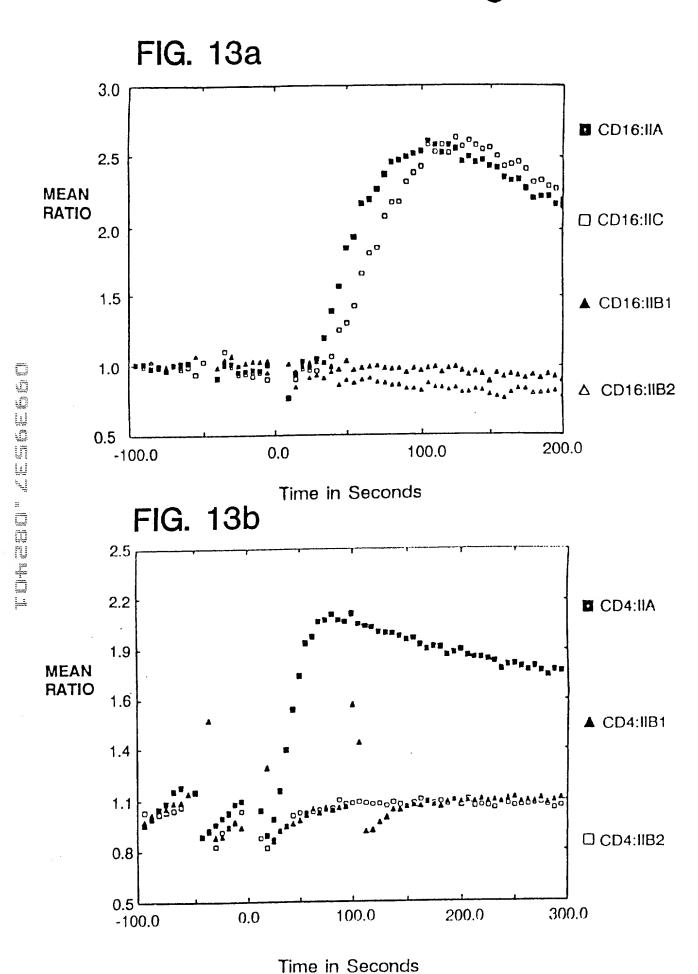
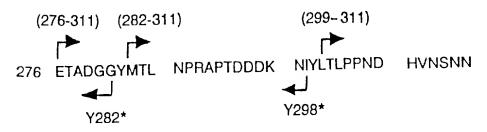


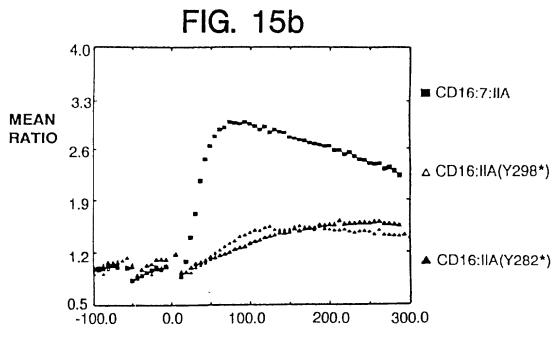
FIG. 12



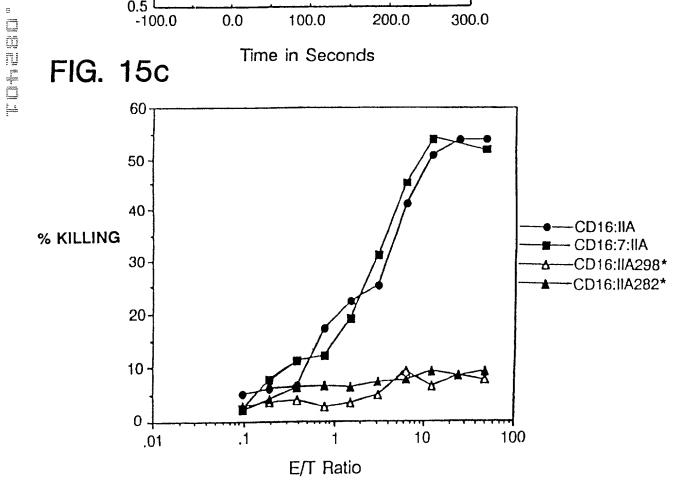
E/T Ratio

236 RKKRISANST DPVKAAQFEP PGRQMIAIRK RQLEETNNDY





Time in Seconds FIG. 15c



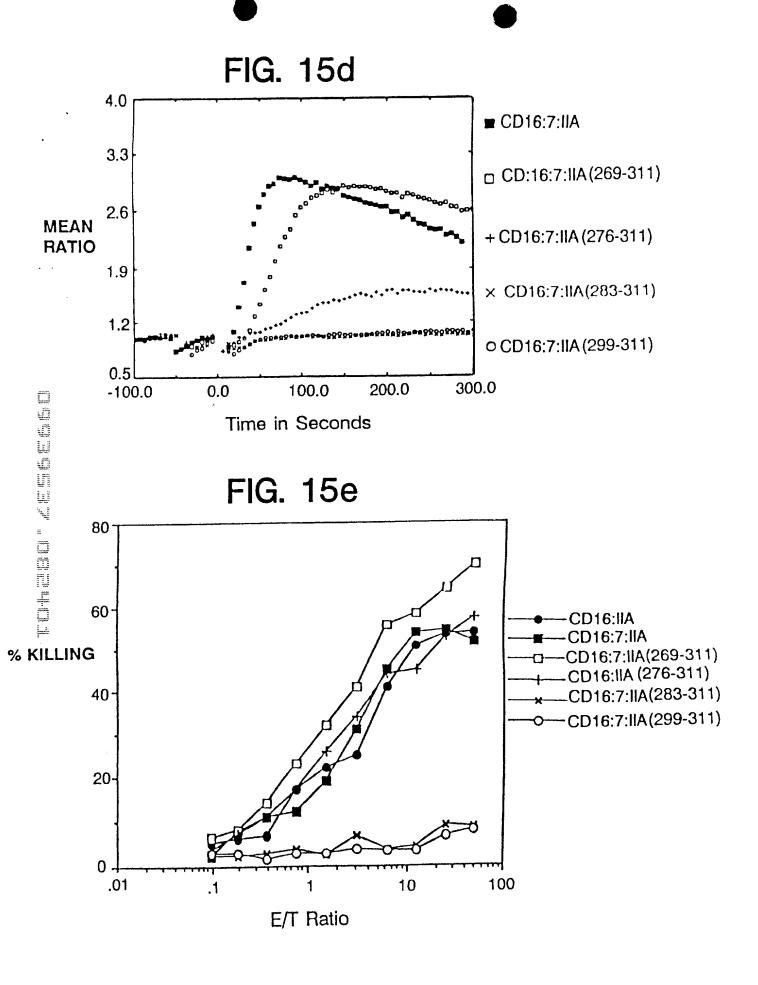
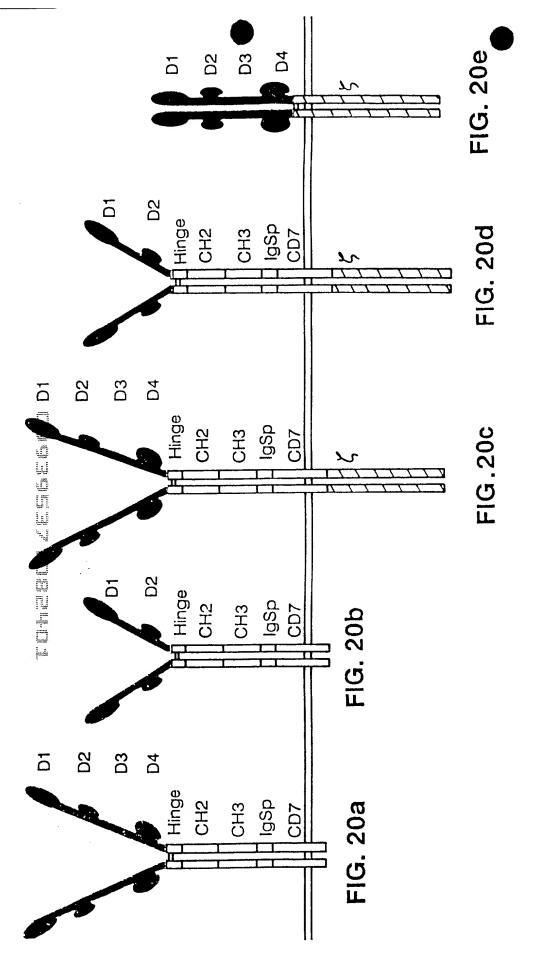


FIG	i.16 (Seg	. IE	No:	24)			
1	MEHSTFL	SGL	VLAT	LLSQVS	PFKIPIEELE	DRVFVNCNTS	ITWVEGTVGT
51	LLSDITR	LDL	GKRI	LDPRGI	YRCNGTDIYK	DKESTVQVHY	RMCQSCVELD
101	PATVAGI	TVI	DVIA	TLLLAL	GVFCFAGHET	GRLSGAADTQ	ALLRNDQVYQ
151	PLRDRDD	AQY	SHLG	GNWARN	K ⋆		
FIG.17 (Seq ID NO: 25)							
1	MEQGKGLA	VL	ILAII	LLQGT	LAQSIKGNHL	VKVYDYQEDG	SVLLTCDAEA
51	KNITWFKE	GK	MIGFI	TEDKK	KWNLGSNAKD	PRGMYQCKGS	QNKSKPLQVY
101	YRMCQNCI	EL	NAATI	SGFLF	AEIVSIFVLA	VGVYFIAGQD	GVRQSRASDK
151	QTLLPNDQ	ΣLY	QPLKI	DREDDQ	YSHLQGNQLR	RN*	
3 250		I ID	No:	26)			
1	MPGGLEAI	LRA	LPLLI	LFLSYA	CLGPGCQALR	VEGGPPSLTV	NLGEEARLTC
51	ENNGRNP	TI,	wwfsi	LQSNIT	WPPVPLGPGQ	GTTGQLFFPE	VNKNTGACTG
101	CQVIENNI	LK	RSCGT	TYLRVR	NPVPRPFLDM	GEGTKNRIIT	AEGIILLFCA
151	VVPGTLLI	JFR	KRWQI	NEKFGV	DMPDDYEDEN	LYEGLNLDDC	SMYEDISRGL
201	QGTYQDVC	SNL	HIGDA	AQLEKP	*		
FIG	.19 (Sec	I ID	No: 2	27)			
1	MATLVLS	SMP	CHWL	LFLLLL	FSGEPVPAMT	SSDLPLNFQG	SPCSQIWQHP
51	RFAAKKRS	SSM	VKFH	СҮТИНЅ	GALTWFRKRG	SQQPQELVSE	EGRIVQTQNG
101	SVYTLTI(ZNI	QYEDI	NGIYFC	KQKCDSANHN	VTDSCGTELL	VLGFSTLDQL
151	KRRNTLKI	OGI	ILIQ'	TLLIIL	FIIVPIFLLL	DKDDGKAGME	EDHTYEGLNI
201	DQTATYE	OIV	TLRT	GEVKWS	VGEHPGQE*		



G GAT CCC AAG GCC AGG CTA AAG CCG AAG CCG CGA AGG CCG AGG CTA AGG CCG AAG CAG ATC IG Bgl2/BstY1 BamHI/BstY1

DPKAEAKAEAKAEADL

FIG. 28

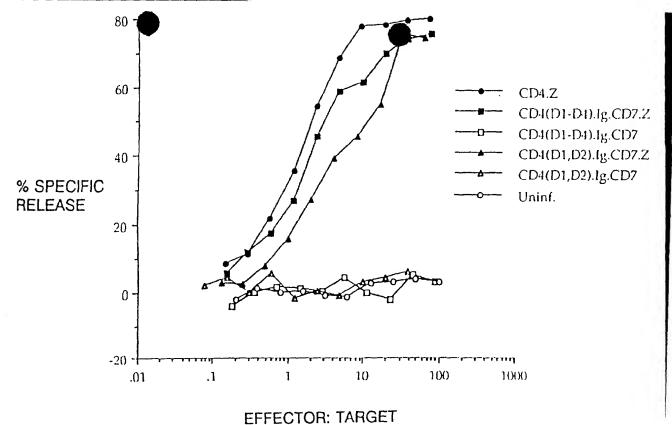


FIG. 21

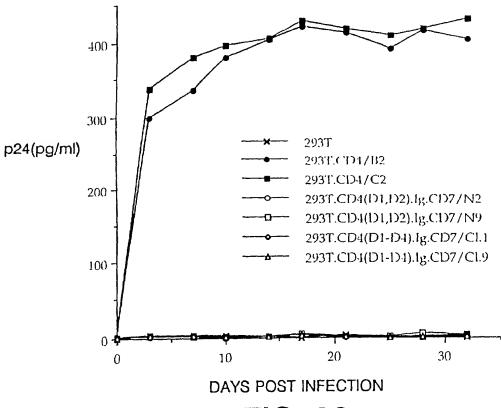


FIG. 22

D1-D4 of CD4

Nucleic Acid Sequence

GCCTGTTTGA	GAAGCAGCGG	GCAAGAAAGA	CGCAAGCCCA	GAGGCCCTGC	51
				CCTCCCTCGG	101
			TAGGCACTTG		151
			AGGGAAACAA		201
			TGTACAGCTT		251
		AAAACTCCAA		ATTCTGGGAA	301
			CCAAGCTGAA	TGATCGCGCT	351
GACTCAAGAA	GAAGCCTTTG	GGACCAAGGA	AACTTCCCCC	TGATCATCAA	401
			CATCTGTGAA		451
			GATTGACTGC		501
ACCCACCTGC	TTCAGGGGCA	GAGCCTGACC	CTGACCTTGG	AGAGCCCCC	551
TGGTAGTAGC	CCCTCAGTGC	AATGTAGGAG	TCCAAGGGGT	AAAAACATAC	601
AGGGGGGAA	GACCCTCTCC	GTGTCTCAGC	TGGAGCTCCA	GGATAGTGGC	651
ACCTGGACAT	GCACTGTCTT	GCAGAACCAG	AAGAAGGTGG	AGTTCAAAAT	701
AGACATCGTG	GTGCTAGCTT	TCCAGAAGGC	CTCCAGCATA	GTCTATAAGA	751
AAGAGGGGGA	ACAGGTGGAG	TTCTCCTTCC	CACTCGCCTT	TACAGTTGAA	801
AAGCTGACGG			CAGGCGGAGA		851
CTCCAAGTCT	TGGATCACCT	TTGACCTGAA	GAACAAGGAA	GTGTCTGTAA	901
AACGGGTTAC	CCAGGACCCT	AAGCTCCAGA	TGGGCAAGAA	GCTCCCGCTC	951
CACCTCACCC				CTGGAAACCT	1001
CACCCTGGCC	CTTGAAGCGA	AAACAGGAAA	GTTGCATCAG	GAAGTGAACC	1051
TGGTGGTGAT	GAGAGCCACT	CAGCTCCAGA	AAAATTTGAC	CTGTGAGGTG	1101
TGGGGACCCA	CCTCCCCTAA	GCTGATGCTG	AGCTTGAAAC	TGGAGAACAA	1151
GGAGGCAAAG	GTCTCGAAGC	GGGAGAAGCC	GGTGTGGGTG	CTGAACCCTG	1201
AGGCGGGGAT	GTGGCAGTGT	CTGCTGAGTG	ACTCGGGACA	GGTCCTGCTG	1251
GAATCCAACA	TCAAGGTTCT	GCCCACATGG	TCCACCCCGG	TGCACGCGGA	1301
TCCC (SEQ ID I	NO: 28)				
is state particul par					
Amino Acid Se	equence				
in the state of th					
MNRGVPFRHL					51
FHWKNSNQIK	ILGNQGSFLT	KGPSKLNDRA	DSRRSLWDQG	NFPLIIKNLK	101
IEDSDTYICE	VEDQKEEVQL	LVFGLTANSD	THLLQGQSLT	LTLESPPGSS	151
PSVQCRSPRG	KNIQGGKTLS	VSQLELQDSG	TWTCTVLQNQ	KKVEFKIDIV	201
VLAFQKASSI	VYKKEGEQVE	FSFPLAFTVE	KLTGSGELWW	QAERASSSKS	251
WITFDLKNKE	VSVKRVTQDP	KLQMGKKLPL	HLTLPQALPQ	YAGSGNLTLA	301
LEAKTGKLHQ	EVNLVVMRAT	QLQKNLTCEV	WGPTSPKLML	SLKLENKEAK	351
VSKREKPVWV		LLSDSGQVLL	ESNIKVLPTW	STPVHADP	
(SEQ ID NO: 29)					
•					

FIG. 23

D1-D2 of CD4

Nucleic Acid Sequence

GCCTGTTTGA	GAAGCAGCGG	GCAAGAAAGA	CGCAAGCCCA	GAGGCCCTGC	51
CATTTCTGTG	GGCTCAGGTC	CCTACTGGCT	CAGGCCCCTG	CCTCCCTCGG	101
CAAGGCCACA	ATGAACCGGG	GAGTCCCTTT	TAGGCACTTG	CTTCTGGTGC	151
TGCAACTGGC	GCTCCTCCCA	GCAGCCACTC	AGGGAAACAA	AGTGGTGCTG	201
GGCAAAAAAG	GGGATACAGT	GGAACTGACC	TGTACAGCTT	CCCAGAAGAA	251
GAGCATACAA	TTCCACTGGA	AAAACTCCAA	CCAGATAAAG	ATTCTGGGAA	301
ATCAGGGCTC	CTTCTTAACT	AAAGGTCCAT	CCAAGCTGAA	TGATCGCGCT	351
GACTCAAGAA	GAAGCCTTTG	GGACCAAGGA	AACTTCCCCC	TGATCATCAA	401
		CAGATACTTA			451
		CTAGTGTTCG			501
ACCCACCTCC	TTCAGGGGCA	GAGCCTGACC	CTGACCTTGG	AGAGCCCCCC	551
TGGTAGTAGC	CCCTCAGTGC	AATGTAGGAG	TCCAAGGGGT	AAAAACATAC	601
AGGGGGGAA	GACCCTCTCC	GTGTCTCAGC	TGGAGCTCCA	GGATAGTGGC	651
ACCTGGACAT	GCACTGTCTT	GCAGAACCAG	AAGAAGGTGG	AGTTCAAAAT	701
AGACATCGTG		(SEQ ID NO: 30)			

Amino Acid Sequence

MNRGVPFRHL LLVLQLALLP EHWKNSNQIK ILGNQGSFLT EDSDTYICE VEDQKEEVQL PSVQCRSPRG KNIQGGKTLS	KGPSKLNDRA LVFGLTANSD	DSRRSLWDQG THLLOGOSLT	NFPLIIKNLK LTLESPPGSS	51 101 151 201		
¥LA (SEQ ID NO: 31)						

FIG. 24

Hinge, CH2, and CH3 Domains of Human IgG1

Nucleic Acid Sequence

GCTAGCAGAG	CCCAAATCTT	GTGACAAAAC	TCACACATGC	CCACCGTGCC	51
CAGCACCTGA	ACTCCTGGGG	GGACCGTCAG	TCTTCCTCTT	CCCCCAAAA	101
CCCAAGGACA	CCCTCATGAT	CTCCCGGACC	CCTGAGGTCA	CATGCGTGGT	151
GGTGGACGTG	AGCCACGAAG	ACCCTGAGGT	CAAGTTCAAC	TGGTACGTGG	201
ACGGCGTGGA	GGTGCATAAT	GCCAAGACAA	AGCCGCGGGA	GGAGCAGTAC	251
AACAGCACGT	ACCGGGTGGT			ACCAGGACTG	301
				GCCCTCCCAG	351
CCCCCATCGA	GAAAACCATC	TCCAAAGCCA	AAGGGCAGCC	CCGAGAACCA	401
CAGGTGTACA	CCCTGCCCCC	ATCCCGGGAT	GAGCTGACCA	AGAACCAGGT	451
CAGCCTGACC	TGCCTGGTCA	AAGGCTTCTA	TCCCAGCGAC	ATCGCCGTGG	501
_AGTGGGAGAG	CAATGGGCAG	CCGGAGAACA	ACTACAAGAC	CACGCCTCCC	551
GTGCTGGACT	CCGACGGCTC	CTTCTTCCTC	TACAGCAAGC	TCACCGTGGA	601
CAAGAGCAGG	TGGCAGCAGG	GGAACGTCTT	CTCATGCTCC	GTGATGCATG	651
AGGCTCTGCA	CAACCACTAC	ACGCAGAAGA	GCCTCTCCCT	GTCTCCGGGG	701
CTGCAACTGG	ACGAGACCTG	TGCTGAGGCC	CAGGACGGGG	AGCTGGACGG	751
GCTCTGGACG		(SEQ ID NO: 32)	•		
		(022.12.12.1			
Paragraphical Control of the Control					
Amino Acid S	equence				
	equence				
EPKSCDKTHT	CPPCPAPELL	GGPSVFLFPP	KPKDTLMISR	TPEVTCVVVD	51
TVSHEDPEVKF	NWYVDGVEVH	NAKTKPREEQ		LTVLHQDWLN	101
GKEYKCKVSN	KALPAPIEKT		PQVYTLPPSR	DELTKNOVSL	151
TCLVKGFYPS	DIAVEWESNG	· -	PVLDSDGSFF	LYSKLTVDKS	201
RWQQGNVFSC		-	GLOLDETCAE		251
TTDP (SEQ ID		TIAVODODDE	GUGUULUT	TIKROTHROTH	201
TIPE (SEGIO	140. 33)				

FIG. 25

CD7 Transmembrane Domain

Nucleic Acid Sequence						
CCAAGGGCCT CTCCCCTCCC TGCCCCACCG ACAGGCTCCG CCCTCCCTGA CCCGCAGACA GCCTCTGCCC TCCCTGACCC GCCAGCAGCC TCTGCCCTCC CTGCGGCCCT GGCGGTGATC TCCTTCCTCC TCGGGCTGGG CCTGGGGGTG GCGTGTGTGCC TGGCGAGGAC GCGT (SEQ ID NO: 34)	51 101 151					
Amino Acid Sequence						
PRASALPAPP TGSALPDPQT ASALPDPPAA SALPAALAVI SFLLGLGLGV ACVLARTR (SEQ ID NO: 35)	51					
FIG. 26 Zeta Intracellular Domain Nucleic Acid Sequence						
ACGCGTTTCA GCAGGAGCGC AGAGCCCCCC GCGTACCAGC AGGGCCAGAA CCAGCTCTAT AACGAGCTCA ATCTAGGACG AAGAGAGGAG TACGATGTTT TGGACAAGAG ACGTGGCCGG GACCCTGAGA TGGGGGGAAA GCCGAGAAGG AAGAACCCTC AGGAAGGCCT GTACAATGAA CTGCAGAAAG ATAAGATGGC GGAGGCCTAC AGTGAGATTG GGATGAAAGG CGAGCGCCGG AGGGGCAAGG GGCACGATGG CCTTTACCAG GGTCTCAGTA CAGCCACCAA GGACACCTAC GACGCCCTTC ACATGCAGGC CCTGCCCCCT CGCTAAAGCG GCCGC (SEQ ID NO: 36)	51 101 151 201 251 301					
Amino Acid Sequence						
TRFSRSAEPP AYQQGQNQLY NELNLGRREE YDVLDKRRGR DPEMGGKPRR KNPQEGLYNE LQKDKMAEAY SEIGMKGERR RGKGHDGLYQ GLSTATKDTY DALHMQALPP R (SEQ ID NO: 37)	51 101					

FIG. 27